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**KAYLINE LIGHTING**

A. I. A. File No. 31-F-12





KAYLINE FIGHTING



KAYLINE

*Catalogue No. 50*

*T*HIS General Lighting Catalog contains a most comprehensive grouping of efficient lighting equipment. It embodies plain and decorative types for stores, schools, offices, banks, churches, lodges and other public buildings, together with the miscellaneous equipment for every detail. Our Engineering and Designing Departments are constantly contributing to the improvement of lighting equipment. Its most effective application is accomplished through their lighting recommendations, appropriate fixture designs and suggestions which will assure maximum satisfaction to owner, architect and the public. In Kayline will be found a balanced combination of Lighting Efficiency with Artistic Appeal.



*for Beauty, Efficiency and Utility* ~ KAYLINE LIGHTING

**KAYLINE**



*"The Factory Behind the Product"*

## The Kayline Company

600 Huron Road, Cleveland, Ohio, U. S. A.

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Kayline Company



## The Story of the Kayline Unit

**T**HE Kayline Unit, originally designed to allow harmonious treatment of lighting equipment through the various types required in such installations where special monumental fixtures would be prohibitive in cost, proved a remarkable success.

Because of the great demand for other styles and ornamental treatments than those shown in the initial catalog, the line has been extended to cover all the requirements for lighting the average store, office, bank, church, school, lodge and other public buildings.

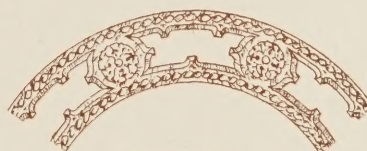


CLASSIC

These additions include a shallow ceiling type both plain and ornamental for low ceilings and under balconies, an ornamental ring type with candle effect and several hangers for the new 20" globe allowing the use of 750 Watt and 1000 Watt lamps. These are all in the regular Classic treatment which harmonizes with the majority of architectural projects.

For church installations and wherever a definite treatment must be adhered to, the added designs in the Gothic (pages 24 to 26) and Romanesque (pages 28 to 30) Characters, will make excellent application.

Pages 32 to 38 contain a grouping of miscellaneous types required in almost every installation including Gymnasium, Emergency and R. L. M. Units together with Exit and Weatherproof Lights, and various inexpensive brackets, pendants and holders for utility service.



GOTHIC

Special designs of every character are available for large architectural projects requiring more ornate treatment than offered in this catalog. Pages 19, 27 and 31 show a few representative installations that bear the indelible mark of Kayline Quality.



ROMANESQUE

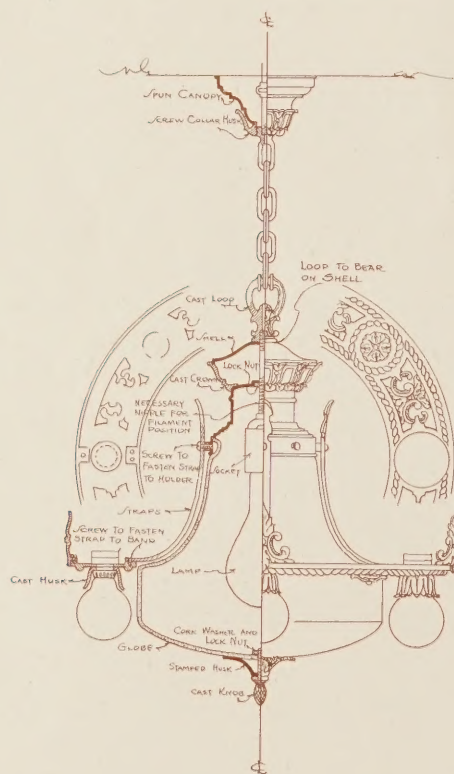
In addition to the equipment shown in this catalog for general lighting, the Kayline Company manufactures complete lines of Residential fixtures to match every period or style of architecture, at prices within the range of every home builder. Special catalogs or drawings will be submitted on request.



### Construction

Thirty years experience in manufacturing lighting equipment enters into the construction of Kayline Units. This experience, offers unusual guarantee to the workmanship.

Kayline Units are made of bronze metal throughout. All castings are from a special bronze mixture that allows greatest detail in ornament as well as the most beautiful natural gold bronze finish. Plain parts are made of No. 22 B & S Gauge Bronze, also from special mixture since every precaution is taken to maintain harmony of finish between cast and shell parts.



Simplicity of assembly is another Kayline feature. The illustration here shows the relation of various parts to each other as well as the complete assembly of an ornamental ring type unit. Attention is

called to the necessity of using the iron pipe nipples furnished with all regular units, since they are cut in exact lengths to allow proper lamp filament position.

Like every meritorious product, the Kayline Unit has been imitated in various ways. Complete protection is offered under the following design patents:—72904, 72905, 73438, 74150, 74151, 74152, 74314, 75575, 75576, 75578, 75579, 75580, 75581.

The Kayline Company's interest as well as that of their customers will be fully protected under the law. The electrical trade who buy and install infringements of these designs are liable as well as the infringing manufacturers.

### Kayline Glassware

**Plain Kayline glass** should not be confused with cheaper grades of opal glass. It is a scientific mixture developed by the Mellon Institute of Scientific Research in Pittsburgh and possesses a deep lustrous beauty that is transformed when lighted into a snow-white light of even distribution. Glare is filtered out and the light is perfectly diffused with a minimum of absorption. This, together with the long graceful curves of the Kayline shape, combine in creating the remarkable light out-put offered by the Kayline Unit.

**Kayline Decorated Glass:** the design, in a permanent grey-brown color, is applied to the smooth natural finish of the glass. The beauty and proportions of the designs make them suitable for any installation requiring a decorative treatment. No loss of light output is created by the decorations.

**Kayline Etched Glass:** the design is embossed as a result of an acid etching process. The raised design, toned in a soft shade of gray, stands out in pleasing relief against the white mat background of the glass. Light from etched glass is more diffused than from the plain or decorated and creates a soft, subdued illumination throughout the room.



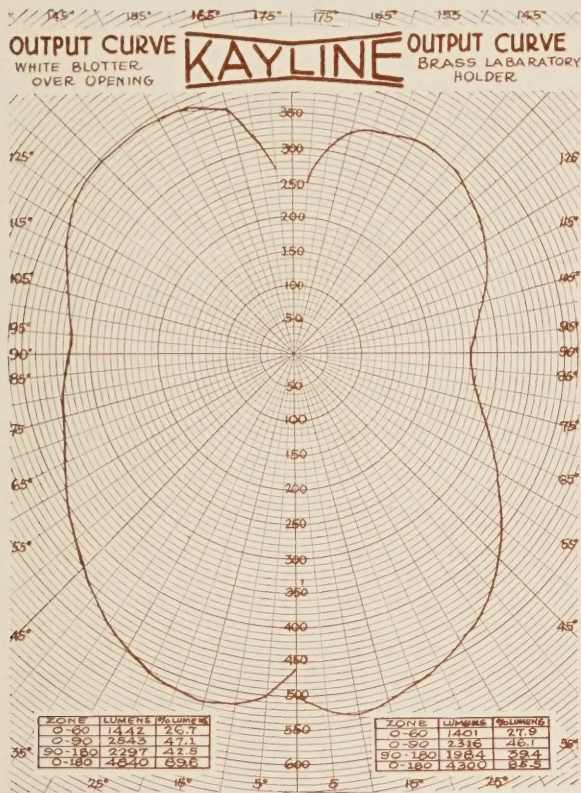


Fig. 1

## KAYLINE COEFFICIENTS OF UTILIZATION

CEILING	70%			50%			30%		
WALLS	50%	30%	10%	50%	30%	10%	50%	30%	10%
ROOM INDEX									
0.6	.24	.19	.17	.22	.18	.16	.16	.16	.14
0.8	.30	.25	.22	.27	.23	.20	.21	.21	.19
1.0	.33	.29	.26	.32	.27	.24	.24	.24	.21
1.2	.37	.33	.29	.34	.29	.27	.27	.27	.24
1.5	.41	.36	.32	.36	.32	.29	.29	.29	.27
2.0	.45	.41	.36	.41	.36	.33	.32	.32	.30
2.5	.49	.44	.40	.44	.40	.36	.36	.36	.33
3.0	.52	.47	.43	.46	.42	.39	.38	.38	.35
4.0	.56	.51	.47	.50	.46	.43	.40	.40	.38
5.0	.59	.54	.50	.52	.48	.45	.42	.42	.40

Fig. 3

## FOOT CANDLE INTENSITIES DEVELOPED BY VARIOUS KAYLINE UNITS IN MEETING EXISTING CONDITIONS (AVERAGE WALL & CEILING CONDITIONS)

NATURE OF AREA	Outlet Facing	Working Light	Area per Lamp	SIZE OF GLASS & LAMP				
				8"	12"	14"	16"	18"
				100	150	200	300	500
	FT.	FT.	SQ. FT.	FOOT CANDLES				
NARROW	8	7	80	4.3	7.2	10.1	16.7	26.0
10'-15' WIDE	10	9	100	3.4	5.8	8.1	13.4	18.6
SINGLE ROW	12	10	150	—	3.9	5.4	8.9	13.0
	15	12	225	—	—	3.7	6.1	10.9
MEDIUM	8	7	64	5.3	9.1	12.6	22.3	35.5
16'-24' WIDE	10	9	80	4.0	6.8	9.5	13.8	18.3
MULTIPLE ROW	12	10	100	3.2	5.5	7.7	11.5	14.7
	15	12	150	—	3.9	5.4	8.4	10.5
LARGE	10	8	100	3.8	6.4	9.0	14.8	21.4
18'-24' BAYS	12	10	150	—	3.9	5.4	8.9	13.5
	15	12	225	—	—	3.7	6.1	10.9
	18	13	300	—	—	2.7	4.5	6.3
				CORRIDORS				
				STORE INTERIORS				

Fig. 2

## CANDLE POWER VALUES VARIOUS KAYLINE UNITS

ANGLE	100 WATTS	150 WATTS	200 WATTS	300 WATTS	500 WATTS
0°	104	213	340	535	965
5°	103	217	347	546	1002
15°	103	216	344	533	996
25°	103	209	336	523	935
35°	104	199	314	494	873
45°	105	191	291	448	779
55°	104	176	264	392	675
65°	101	166	233	398	584
75°	98	157	209	311	518
85°	95	152	188	290	485
90°	95	147	187	287	488
95°	95	148	185	291	505
105°	95	150	189	309	572
115°	95	153	201	342	634
125°	94	154	208	365	689
135°	91	151	211	384	727
145°	87	145	209	382	758
155°	76	123	203	386	743
165°	64	124	195	381	712
175°	48	108	170	278	652

Fig. 4



# How to Plan a Lighting System

## Foreword

A simplified procedure is attempted in these pages with the purpose of assisting the non-technical lighting man in making the best possible use of modern lighting equipment and adapting it to the varying conditions applying to new and old work.

On the preceding page are those tabulations which permit a close approach to accuracy in determining, before the actual installation, what the illumination results will be. With proper use, these and following schedules of illumination data will prove of value to the lighting man in serving the persistent demand for higher levels of illumination in many divisions of the commercial field.

Kayline units are recommended as offering a most comprehensive grouping of improvements in lighting equipment for stores, offices, churches, lodge rooms and all types of public buildings. The essential qualities of a lighting unit suitable for such general use are found combined in Kayline units—elimination of eye strain due either to insufficient light or to distressing brightness in the light source, absence of contrasting shadows and beauty of design to harmonize with any surroundings. So wide an application prohibits a general presentation of Kayline adaptability therefore the data offered here is intended to cover the more common problems. The more involved engineering operations are handled under a special service cheerfully rendered without cost to all Kayline customers.

## Essentials of a Lighting System

**Foot Candles**—A unit of intensity, or the amount of illumination received on a surface one foot away from a light source of one candle power.

**Lumen** — A unit of light output, or the amount of light flux required to produce a uniform intensity of one foot candle over an area of one square foot of surface.

**Plane of Illumination**—The surface to be illuminated, usually 30 inches above the floor.

**Mounting Height** — The distance from the center of the light source to the floor.

**Spacing Distance**—The distance from center to center of outlets.

**Co-efficient of Utilization** — That proportion of the total light flux developed in a light source and projected to the working plane of illumination. Wall and ceiling reflecting values, area to be lighted, ceiling height and other factors enter into this standardized computation of light values. Particular attention is called to Kayline Co-efficient of Utilization on the preceding page. This is the true measure of any lighting unit.

### FOOT CANDLES REQUIRED

Stores	Good Practise	Mini- mum
Dry Goods	15	10
Clothing	15	10
Drug	15	10
Grocery	12	8
Furniture	12	8
<i>Schools</i>		
Auditorium	8	5
Class Rooms	12	8
Corridors	5	3
Drafting Rooms	25	15
<i>Offices</i>		
Private and General	15	10
Same—No Close Work	10	8
Reception Room	6	4
File Room	6	4
Corridors	5	3
<i>Churches</i>		
Auditorium	3	2
Sunday School Rooms	8	5
Pulpit	12	8
Choir	12	8



## Watts Required

While the various factors such as interior finish, area to be lighted, wall and ceiling conditions etc. have an important bearing on the performance of a lighting system, it is possible to provide an approximate estimate of the amount of light required by means of the time-honored "watts per square foot" basis. Merely as a ready guide such a table, applying to Kayline units is given herewith. For a definite, more dependable lay-out however, use should be made of the standard formula also available.

### WATTS PER SQUARE FOOT

Schedule for all Kayline Commercial Units

Foot Candle Intensity Desired on Working Plane	One Row of Units		More Than One Row of Units	
	Light Walls & Ceilings	Dark Walls & Ceilings	Light Walls & Ceilings	Dark Walls & Ceilings
1	.29	.33	.21	.25
2	.55	.64	.43	.48
3	.72	.84	.56	.63
4	.94	1.10	.75	.82
5	1.15	1.35	.91	1.00
6	1.35	1.55	1.05	1.15
8	1.75	2.05	1.35	1.50
10	2.15	2.50	1.70	1.85
12	2.50	3.00	1.95	2.20
16	3.30	3.80	2.55	2.85

Allowance has been made for the accumulation of dust etc.

## Location of Outlets

On Page Five is shown foot candle intensities developed by various Kayline units, this being intended for use in meeting existing conditions as to outlets. A properly designed lighting system calls for careful study of the spacing and mounting height. The following schedule is accepted as standard practice by lighting specialists.

### MOUNTING HEIGHT AND SPACING OF UNITS

Ceiling Height Feet	Spacing Between Outlets		Spacing Between Outside Outlets and Walls		Minimum Mounting Height of Units
	Usual	Maximum	Aisle or Storage Next to Wall	Desks Work-benches Against Wall	
8	7	7½	Usually	3	8
9	8	9		3	8½
10	9	9		3½	9
11	10	10½	one	3½	10
12	10-12	12		3½-4	10½
13	10-12	13	half	3½-4	11
14	10-13	15		4-5	12½
15	10-13	17	actual	4-5	14
16	10-13	19		4-6	15
18	10-20	21	spacing	4-6	16
20	18-24	24		5-7	18
22	20-25	27	between	5-7	20
24	20-30	30		6-8	21
26	25-30	33	units.	8-9	22
30 & up	25-30	40		8-10	24

Recommended by National Lamp Works of General Electric Company

## The Scientific Method

Space does not permit the reproduction here of Room Indexes and computed Illumination Values but these are readily available in the publications of the Engineering Departments of the National Lamp Works, General Electric, Westinghouse Co. and others. Given the size of the room or store to be lighted and the mounting height, reference is made to the schedule of Room Indexes and the Kayline unit will indicate the foot candles or intensity developed by various sizes of lamps under the computed Illumination Values.

In laying out a new job, no bays indicated, follow suggested spacing and

mounting height. Divide number of units into total area with individual lamp area determined proceed as above.

A typical problem—

Store 50' x 200', Bays 12' x 15' — One unit per bay mounting height 12' area per bay 180 sq. ft.

First—Obtain Room Index.

Room 50' x 200' mounting height 12'—Room Index—3.0.

Second—Refer to Kayline Co-efficient of Utilization.

Average conditions—Ceiling 50%, Walls 50%.

Co-efficient for Room Index of 3.0—.46.

Third—Under Computed Illumination Values.

180 sq. ft. area per unit under figure .45 read Foot Candle intensities developed by—

150 watt lamp	4.0 F C
200 watt lamp	5.6 F C
300 watt lamp	9.3 F C
500 watt lamp	16.6 F C





FIRST NATIONAL BANK, New Castle, Pa.  
Simons, Brittain & English, Architects



### Plain Pendant Type

Plain Glass	Globe Size	Lamp Watts	Socket Base
L-0100	8x4	100	Medium
L-0100½	9x4	100	Medium
L-0101	12x6	150	Medium
L-0101½	12x6	200	Medium
L-0102	14x6	200	Medium
L-0102½	14x6	300	Mogul
L-0103	16x6	300	Mogul
L-0104	18x6	500	Mogul

### Plain Ceiling Type

Plain Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0105	8x4	100	13½	Medium
C-0105½	9x4	100	11	Medium
C-0106	12x6	150	16	Medium
C-0106½	12x6	200	16	Medium
C-0107	14x6	200	16½	Medium
C-0107½	14x6	300	16½	Mogul
C-0108	16x6	300	16½	Mogul
C-0109	18x6	500	17	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches





LABOR BANK BUILDING, Jersey City, N. J.  
*John T. Rowland, Architect*



### Plain Ceiling Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0115	C-0125	8x4	100	16½	Medium
C-0115½	C-0125½	9x4	100	14	Medium
C-0116	C-0126	12x6	150	19	Medium
C-0116½	C-0126½	12x6	200	19	Medium
C-0117	C-0127	14x6	200	19½	Medium
C-0117½	C-0127½	14x6	300	19½	Mogul
C-0118	C-0128	16x6	300	19½	Mogul
C-0119	C-0129	18x6	500	20	Mogul



### Plain Pendant Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Socket Base
L-0110	L-0120	8x4	100	Medium
L-0110½	L-0120½	9x4	100	Medium
L-0111	L-0121	12x6	150	Medium
L-0111½	L-0121½	12x6	200	Medium
L-0112	L-0122	14x6	200	Medium
L-0112½	L-0122½	14x6	300	Mogul
L-0113	L-0123	16x6	300	Mogul
L-0114	L-0124	18x6	500	Mogul

*Standard Finish—No. 279 Gold Bank Bronze*

*Standard Pendant Length—42 inches*

*Color of Decoration and Etching—Grey*





CASTLETON HOTEL

New Castle, Pa.

W. G. Eckles & Co., Architects



### Decorated Pendant Type

Plain Glass	Globe Size	Lamp Watts	Socket Base
L-0200	8x4	100	Medium
L-0200 ½	9x4	100	Medium
L-0201	12x6	150	Medium
L-0201 ½	12x6	200	Medium
L-0202	14x6	200	Medium
L-0202 ½	14x6	300	Mogul
L-0203	16x6	300	Mogul
L-0204	18x6	500	Mogul

### Decorated Ceiling Type

Plain Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0205	8x4	100	16 ½	Medium
C-0205 ½	9x4	100	14	Medium
C-0206	12x6	150	19	Medium
C-0206 ½	12x6	200	19	Medium
C-0207	14x6	200	19 ½	Medium
C-0207 ½	14x6	300	19 ½	Mogul
C-0208	16x6	300	19 ½	Mogul
C-0209	18x6	500	20	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches





MASONIC TEMPLE BUILDING, Lorain, Ohio  
*Ralph Ridley, Architect*



### Decorated Ceiling Type

<i>Decorated Glass</i>	<i>Etched Glass</i>	<i>Globe Size</i>	<i>Lamp Watts</i>	<i>Length Overall</i>	<i>Socket Base</i>
C-0215	C-0225	8x4	100	16½	Medium
C-0215½	C-0225½	9x4	100	14	Medium
C-0216	C-0226	12x6	150	19	Medium
C-0216½	C-0226½	12x6	200	19	Medium
C-0217	C-0227	14x6	200	19½	Medium
C-0217½	C-0227½	14x6	300	19½	Mogul
C-0218	C-0228	16x6	300	19½	Mogul
C-0219	C-0229	18x6	500	20	Mogul



### Decorated Pendant Type

<i>Decorated Glass</i>	<i>Etched Glass</i>	<i>Globe Size</i>	<i>Lamp Watts</i>	<i>Socket Base</i>
L-0210	L-0220	8x4	100	Medium
L-0210½	L-0220½	9x4	100	Medium
L-0211	L-0221	12x6	150	Medium
L-0211½	L-0221½	12x6	200	Medium
L-0212	L-0222	14x6	200	Medium
L-0212½	L-0222½	14x6	300	Mogul
L-0213	L-0223	16x6	300	Mogul
L-0214	L-0224	18x6	500	Mogul

*Standard Finish—No. 279 Gold Bank Bronze*

*Standard Pendant Length—42 inches*

*Color of Decoration and Etching—Grey*





MAX BARNETT BUILDING, New Orleans, La.  
Weiss, Drefous & Seiferth, Inc., Architects



### Ornamental Pendant Type

Plain Glass	Globe Size	Lamp Watts	Spread Overall	Lamp Base
L-0230	12x6	150	20	Medium
L-0230 1/2	12x6	200	20	Medium
L-0231	14x6	200	22	Medium
L-0231 1/2	14x6	300	22	Mogul
L-0269	16x6	300	24	Mogul
L-0232	18x6	500	26	Mogul

### Ornamental Ceiling Type

Plain Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Lamp Base
C-0233	12x6	150	20	19	Medium
C-0233 1/2	12x6	200	20	19	Medium
C-0234	14x6	200	22	19 1/2	Medium
C-0234 1/2	14x6	300	22	19 1/2	Mogul
C-0272	16x6	300	24	19 1/2	Mogul
C-0235	18x6	500	26	20	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches





TOLEDO BLADE BUILDING, Toledo, Ohio  
Langdon, Hohly & Gramm Architects



### Ornamental Ceiling Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Lamp Base
C-0239	C-0245	12x6	150	20	19	Medium
C-0239 1/2	C-0245 1/2	12x6	200	20	19	Medium
C-0240	C-0246	14x6	200	22	19 1/2	Medium
C-0240 1/2	C-0246 1/2	14x6	300	22	19 1/2	Mogul
C-0273	C-0274	16x6	300	24	19 1/2	Mogul
C-0241	C-0247	18x6	500	26	20	Mogul

### Ornamental Pendant Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Lamp Base
L-0236	L-0242	12x6	150	20	Medium
L-0236 1/2	L-0242 1/2	12x6	200	20	Medium
L-0237	L-0243	14x6	200	22	Medium
L-0237 1/2	L-0243 1/2	14x6	300	22	Mogul
L-0270	L-0271	16x6	300	24	Mogul
L-0238	L-0244	18x6	500	26	Mogul

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





CLEVELAND PUBLIC AUDITORIUM, Cleveland, Ohio  
H. S. Kregelius, City Architect



### Ball Lamp Pendant Type

Four Ball Lamps

Plain Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0248	12x6	150	20	Medium
L-0248 ½	12x6	200	20	Medium
L-0249	14x6	200	22	Medium
L-0249 ½	14x6	300	22	Mogul
L-0275	16x6	300	24	Mogul
L-0250	18x6	500	26	Mogul

### Ball Lamp Ceiling Type

Four Ball Lamps

Plain Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0251	12x6	150	20	19	Medium
C-0251 ½	12x6	200	20	19	Medium
C-0252	14x6	200	22	19 ½	Medium
C-0252 ½	14x6	300	22	19 ½	Mogul
C-0278	16x6	300	24	19 ½	Mogul
C-0253	18x6	500	26	20	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches





DULUTH CITY HALL, Duluth, Minn.  
Thos. J. Shefchik, Architect



### Ball Lamp Ceiling Type

#### Four Ball Lamps

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0257	C-0263	12x6	150	20	19	Medium
C-0257 1/2	C-0263 1/2	12x6	200	20	19	Medium
C-0258	C-0264	14x6	200	22	19 1/2	Medium
C-0258 1/2	C-0264 1/2	14x6	300	22	19 1/2	Mogul
C-0279	C-0280	16x6	300	24	19 1/2	Mogul
C-0259	C-0265	18x6	500	26	20	Mogul

### Ball Lamp Pendant Type

#### Four Ball Lamps

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
L-0254	L-0260	12x6	150	20	Medium	
L-0254 1/2	L-0260 1/2	12x6	200	20	Medium	
L-0255	L-0261	14x6	200	22	Medium	
L-0255 1/2	L-0261 1/2	14x6	300	22	Mogul	
L-0276	L-0277	16x6	300	24	Mogul	
L-0256	L-0262	18x6	500	26	Mogul	

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





Plain Bracket Type

Plain Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0170	8x4	100	12"	18"



Plain Bracket Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0171	B-0172	8x4	100	12"	18"



Ornamental Bracket Type

Plain Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0266	8x4	100	12½"	17"



Ornamental Bracket Type

Decorated Glass	Etched Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0267	B-0268	8x4	100	12½"	17"

Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey





B-0590

1 Light

Extends 6"; Back Plate 10" x 4 $\frac{3}{4}$ "



B-0591

2 Lights

Extends 5"—Spreads 9"

Back Plate 10" x 4 $\frac{3}{4}$ "



B-0592

1 Light

Extends 3 $\frac{1}{2}$ "—Back Plate 12" x 4 $\frac{1}{2}$ "



B-0593

2 Lights

Extends 7"—Spreads 7"

Back Plate 12" x 4 $\frac{1}{2}$ "

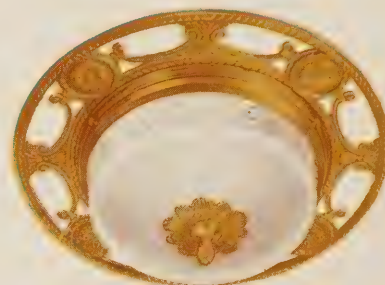




### Candle Pendant Type

8 Candles

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0287	L-0288	L-0289	16x6	300	24	Mogul
L-0290	L-0291	L-0292	18x6	500	26	Mogul



### Ornamental Shallow Ceiling Type

2 Lights—Hinged Holder

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall
C-0297	C-0298	C-0299	12x4	80-300	20"	8"



### Candle Pendant Type

4 Candles

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0281	L-0282	L-0283	12x6	150	20	Medium
L-0281½	L-0282½	L-0283½	12x6	200	20	Medium
L-0284	L-0285	L-0286	14x6	200	22	Medium
L-0284½	L-0285½	L-0286½	14x6	300	22	Mogul

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





This architectural fixture was designed for the First National Bank of Lawrence Co., New Castle, Pa., and made of cast bronze metal finished in natural gold bronze. It exemplifies the reliability found in Kayline designers in creating harmonious interpretations of the architect's thought.



No. F-02269  
Length 18 Ft. Spread 68 In.  
85 Lights





Plain 20" Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0530	C-0531	C-0532	20x10	500-1000	19"	Mogul



Plain 20" Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
L-0527	L-0528	L-0529	20x10	500-1000	60"	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey





**Decorated 20" Pendant Type**

**Decorated 20" Ceiling Type**

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
L-0533	L-0534	L-0535	20x10	500-1000	60"	Mogul

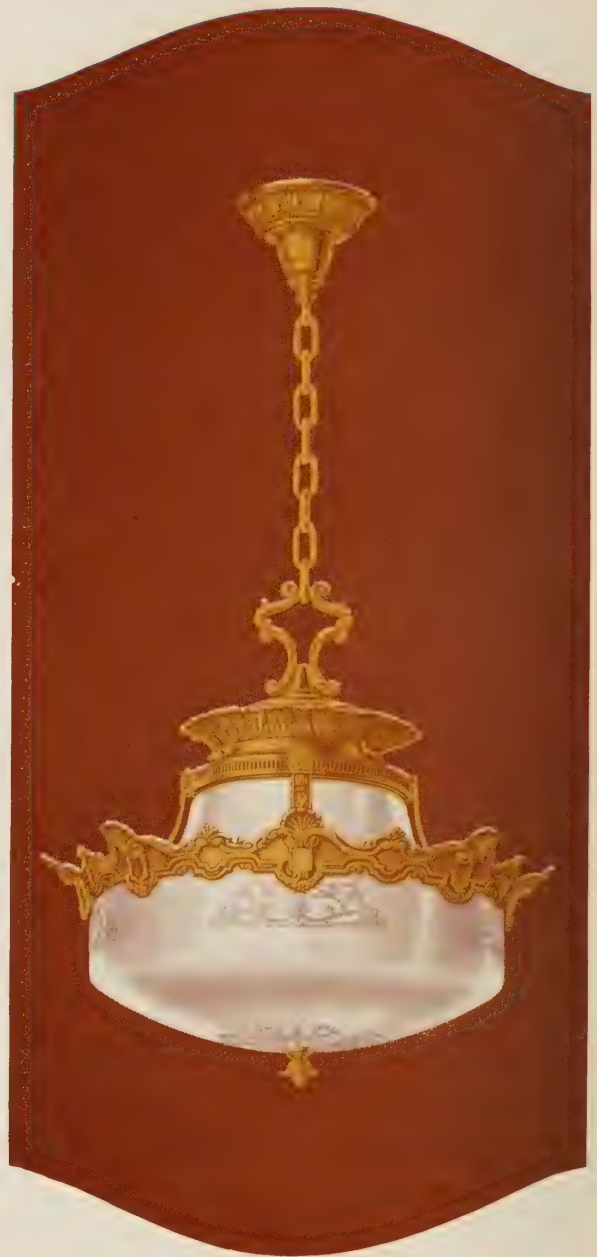
Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0536	C-0537	C-0538	20x10	500-1000	22"	Mogul

*Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey*



Ornamental 20'' Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
L-0539	L-0540	L-0541	20x10	500-1000	60"	Mogul



Cast Crown 20'' Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Spread Overall	Socket Base
L-0542	L-0543	L-0544	20x10	500-1000	60'	25"	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey





Cast Ring 20'' Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Spread Overall	Socket Base
L-0294	L-0295	L-0296	20x10	500-1000	60''	28''	Mogul



Ball Lamp 20'' Pendant Type

8 Ball Lamps

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Spread Overall	Socket Base
L-0545	L-0546	L-0547	20x10	500-1000	60''	28''	Mogu

Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey



### Gothic

#### Decorated Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Socket Base
L-0300	L-0310	L-0320	8x4	100	Medium
L-0300 1/2	L-0310 1/2	L-0320 1/2	9x4	100	Medium
L-0301	L-0311	L-0321	12x6	150	Medium
L-0301 1/2	L-0311 1/2	L-0321 1/2	12x6	200	Medium
L-0302	L-0312	L-0322	14x6	200	Medium
L-0302 1/2	L-0312 1/2	L-0322 1/2	14x6	300	Mogul
L-0303	L-0313	L-0323	16x6	300	Mogul
L-0304	L-0314	L-0324	18x6	500	Mogul



JUNIOR HIGH SCHOOL—Horseheads, N. Y.  
H. M. Haskell, Architect



### Gothic

#### Decorated Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0305	C-0315	C-0325	8x4	100	19	Medium
C-0305 1/2	C-0315 1/2	C-0325 1/2	9x4	100	16 1/2	Medium
C-0306	C-0316	C-0326	12x6	150	21 1/2	Medium
C-0306 1/2	C-0316 1/2	C-0326 1/2	12x6	200	21 1/2	Medium
C-0307	C-0317	C-0327	14x6	200	22	Medium
C-0307 1/2	C-0317 1/2	C-0327 1/2	14x6	300	22	Mogul
C-0308	C-0318	C-0328	16x6	300	22	Mogul
C-0309	C-0319	C-0329	18x6	500	22 1/2	Mogul

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





SACRED HEART CATHEDRAL—Davenport, Iowa



### Gothic Ornamental Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0333	C-0339	C-0345	12x6	150	20	21 1/2	Medium
C-0333 1/2	C-0339 1/2	C-0345 1/2	12x6	200	20	21 1/2	Medium
C-0334	C-0340	C-0346	14x6	200	22	22	Medium
C-0334 1/2	C-0340 1/2	C-0346 1/2	14x6	300	22	22	Mogul
C-0372	C-0373	C-0374	16x6	300	24	22	Mogul
C-0335	C-0341	C-0347	18x6	500	26	22 1/2	Mogul

### Gothic Ball Lamp Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0351	C-0357	C-0363	12x6	150	20	21 1/2	Medium
C-0351 1/2	C-0357 1/2	C-0363 1/2	12x6	200	20	21 1/2	Medium
C-0352	C-0358	C-0364	14x6	200	22	22	Medium
C-0352 1/2	C-0358 1/2	C-0364 1/2	14x6	300	22	22	Mogul
C-0378	C-0379	C-0380	16x6	300	24	22	Mogul
C-0353	C-0359	C-0365	18x6	500	26	22 1/2	Mogul

Four Ball Lamps



### Gothic Ornamental Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0330	L-0336	L-0342	12x6	150	20	Medium
L-0330 1/2	L-0336 1/2	L-0342 1/2	12x6	200	20	Medium
L-0331	L-0337	L-0343	14x6	200	22	Medium
L-0331 1/2	L-0337 1/2	L-0343 1/2	14x6	300	22	Mogul
L-0369	L-0370	L-0371	16x6	300	24	Mogul
L-0332	L-0338	L-0344	18x6	500	26	Mogul

### Gothic Ball Lamp Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0348	L-0354	L-0360	12x6	150	20	Medium
L-0348 1/2	L-0354 1/2	L-0360 1/2	12x6	200	20	Medium
L-0349	L-0355	L-0361	14x6	200	22	Medium
L-0349 1/2	L-0355 1/2	L-0361 1/2	14x6	300	22	Mogul
L-0375	L-0376	L-0377	16x6	300	24	Mogul
L-0350	L-0356	L-0362	18x6	500	26	Mogul

Four Ball Lamps

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey



Gothic  
Candle Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Number Candles	Spread Overall	Socket Base
L-0381	L-0382	L-0383	12x6	150	4	20	Medium
L-0381½	L-0382½	L-0383½	12x6	200	4	20	Medium
L-0384	L-0385	L-0386	14x6	200	4	22	Medium
L-0384½	L-0385½	L-0386½	14x6	300	4	22	Mogul
L-0387	L-0388	L-0389	16x6	300	8	24	Mogul
L-0390	L-0391	L-0392	18x6	500	8	26	Mogul



Gothic  
Shallow Ceiling Type

2 Lights—Hinged Holder

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall
C-0397	C-0398	C-0399	12x4	80-300	20"	10"



Gothic  
Bracket Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0366	B-0367	B-0368	8x4	100	12"	18"

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





EPWORTH METHODIST CHURCH—Marion, Ohio

A practical example of church lighting which shows the application of architectural design to a powerful illuminant. The large center area of the Epworth Methodist Church, Marion, Ohio, receives adequate illumination from the thirty-six lights in this unusual lantern design. Our designers are prepared to handle church installations of any nature or any style of architecture.



No. F-0690

Length 18 Ft. Spread 4 Ft.

36 Lights.



LIBERTY THEATRE, Zanesville, Ohio



### Romanesque Decorated Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Socket Base
L-0400	L-0410	L-0420	8x4	100	Medium
L-0400 ½	L-0410 ½	L-0420 ½	9x4	100	Medium
L-0401	L-0411	L-0421	12x6	150	Medium
L-0401 ½	L-0411 ½	L-0421 ½	12x6	200	Medium
L-0402	L-0412	L-0422	14x6	200	Medium
L-0402 ½	L-0412 ½	L-0422 ½	14x6	300	Mogul
L-0403	L-0413	L-0423	16x6	300	Mogul
L-0404	L-0414	L-0424	18x6	500	Mogul

### Romanesque Decorated Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0405	C-0415	C-0425	8x4	100	19	Medium
C-0405 ½	C-0415 ½	C-0425 ½	9x4	100	16 ½	Medium
C-0406	C-0416	C-0426	12x6	150	21 ½	Medium
C-0406 ½	C-0416 ½	C-0426 ½	12x6	200	21 ½	Medium
C-0407	C-0417	C-0427	14x6	200	22	Medium
C-0407 ½	C-0417 ½	C-0427 ½	14x6	300	22	Mogul
C-0408	C-0418	C-0428	16x6	300	22	Mogul
C-0409	C-0419	C-0429	18x6	500	22 ½	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches  
Color of Decoration and Etching—Grey





BELMONT COUNTY HIGH SCHOOL, Dayton, Ohio



### Romanesque Ornamental Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0433	C-0439	C-0445	12x6	150	20	21 1/2	Medium
C-0433 1/2	C-0439 1/2	C-0445 1/2	12x6	200	20	21 1/2	Medium
C-0434	C-0440	C-0446	14x6	200	22	22	Medium
C-0434 1/2	C-0440 1/2	C-0446 1/2	14x6	300	22	22	Mogul
C-0472	C-0473	C-0474	16x6	300	24	22	Mogul
C-0435	C-0441	C-0447	18x6	500	26	22 1/2	Mogul

### Romanesque Ball Lamp Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall	Socket Base
C-0451	C-0457	C-0463	12x6	150	20	21 1/2	Medium
C-0451 1/2	C-0457 1/2	C-0463 1/2	12x6	200	20	21 1/2	Medium
C-0452	C-0458	C-0464	14x6	200	22	22	Medium
C-0452 1/2	C-0458 1/2	C-0464 1/2	14x6	300	22	22	Mogul
C-0478	C-0479	C-0480	16x6	300	24	22	Mogul
C-0453	C-0459	C-0465	18x6	500	26	22 1/2	Mogul

Four Ball Lamps



### Romanesque Ornamental Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0430	L-0436	L-0442	12x6	150	20	Medium
L-0430 1/2	L-0436 1/2	L-0442 1/2	12x6	200	20	Medium
L-0431	L-0437	L-0443	14x6	200	22	Medium
L-0431 1/2	L-0437 1/2	L-0443 1/2	14x6	300	22	Mogul
L-0469	L-0470	L-0471	16x6	300	24	Mogul
L-0432	L-0438	L-0444	18x6	500	26	Mogul

### Romanesque Ball Lamp Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Socket Base
L-0448	L-0454	L-0460	12x6	150	20	Medium
L-0448 1/2	L-0454 1/2	L-0460 1/2	12x6	200	20	Medium
L-0449	L-0455	L-0461	14x6	200	22	Medium
L-0449 1/2	L-0455 1/2	L-0461 1/2	14x6	300	22	Mogul
L-0475	L-0476	L-0477	16x6	300	24	Mogul
L-0450	L-0456	L-0462	18x6	500	26	Mogul

Four Ball Lamps

Standard Finish—No. 279 Gold Bank Bronze  
Standard Pendant Length—42 inches  
Color of Decoration and Etching—Grey



Romanesque  
Candle Pendant Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Number Candles	Spread Overall	Socket Base
L-0481	L-0482	L-0483	12x6	150	4	20	Medium
L-0481½	L-0482½	L-0483½	12x6	200	4	20	Medium
L-0484	L-0485	L-0486	14x6	200	4	22	Medium
L-0484½	L-0485½	L-0486½	14x6	300	4	22	Mogul
L-0487	L-0488	L-0489	16x6	300	8	24	Mogul
L-0490	L-0491	L-0492	18x6	500	8	26	Mogul



Romanesque  
Shallow Ceiling Type

2 Lights—Hinged Holder

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall
C-0497	C-0498	C-0499	12x4	80 to 300	20"	10"



Romanesque  
Bracket Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Extension Overall	Height Overall
B-0466	B-0467	B-0468	8x4	100	12"	18"

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





PENN-McKEE HOTEL—McKeesport, Pa.



CASTLETON HOTEL  
New Castle, Pa.



Our designers realize the essentials of crystal trimmed ball room chandeliers. They met these requirements in this typical bronze fixture produced for the Penn-McKee Hotel, McKeesport, Pa. It portrays skillful workmanship and artistry in draping crystal in graceful effects. Many similar designs are available for this work.



No. F-0678  
Length 10 Ft. Spread 28 In  
12 Lights.



### Shallow Ceiling Type

2 Lights—Hinged Holder

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Spread Overall	Length Overall
C-0140	C-0141	C-0142	12x4	80-300	14 $\frac{3}{4}$ "	6"



### Stem Pendant Type Swivel Joint

Plain Glass	Globe Size	Lamp Watts	Socket Base
L-0185	8x4	100	Medium
L-0185 $\frac{1}{2}$	9x4	100	Medium
L-0186	12x6	150	Medium
L-0186 $\frac{1}{2}$	12x6	200	Medium
L-0187	14x6	200	Medium
L-0187 $\frac{1}{2}$	14x6	300	Mogul
L-0188	16x6	300	Mogul
L-0189	18x6	500	Mogul



### Stem Pendant Type Loop to Loop

Plain Glass	Globe Size	Lamp Watts	Socket Base
L-0180	8x4	100	Medium
L-0180 $\frac{1}{2}$	9x4	100	Medium
L-0181	12x6	150	Medium
L-0181 $\frac{1}{2}$	12x6	200	Medium
L-0182	14x6	200	Medium
L-0182 $\frac{1}{2}$	14x6	300	Mogul
L-0183	16x6	300	Mogul
L-0184	18x6	500	Mogul

Standard Finish—No. 279 Gold Bank Bronze

Standard Pendant Length—42 inches

Color of Decoration and Etching—Grey





Cast Collar Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0500	C-0505	C-0510	8x4	100	13	Medium
C-0500 1/2	C-0505 1/2	C-0510 1/2	9x4	100	10 1/2	Medium
C-0501	C-0506	C-0511	12x6	150	15 1/2	Medium
C-0501 1/2	C-0506 1/2	C-0511 1/2	12x6	200	15 1/2	Medium
C-0502	C-0507	C-0512	14x6	200	16	Medium
C-0502 1/2	C-0507 1/2	C-0512 1/2	14x6	300	16	Mogul
C-0503	C-0508	C-0513	16x6	300	16	Mogul
C-0504	C-0509	C-0514	18x6	500	16 1/2	Mogul



Special Ceiling Type

Plain Glass	Dec. Glass	Etched Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0515	C-0519	C-0523	12x6	150	19 1/2	Medium
C-0515 1/2	C-0519 1/2	C-0523 1/2	12x6	200	19 1/2	Medium
C-0516	C-0520	C-0524	14x6	200	20	Medium
C-0516 1/2	C-0520 1/2	C-0524 1/2	14x6	300	20	Mogul
C-0517	C-0521	C-0525	16x6	300	20	Mogul
C-0518	C-0522	C-0526	18x6	500	20 1/2	Mogul

Emergency Ceiling Type

Two Lights

Plain Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0196	12x6	150-25	16	Medium
C-0196 1/2	12x6	200-25	16	Medium
C-0197	14x6	200-25	16 1/2	Medium
C-0197 1/2	14x6	300-25	16 1/2	Mogul
C-0198	16x6	300-25	16 1/2	Mogul
C-0199	18x6	500-25	17	Mogul

Standard Finish—No. 279 Gold Bank Bronze  
Color of Decoration and Etching—Grey



L-0566  
Length 36"—8" Opal Shade  
40-100 Watts



L-0567  
Length 36"—8" Opal Shade  
40-100 Watts



C-0554  
Length 7 $\frac{1}{4}$ "—7" Opal Shade  
40-100 Watts



B-0561  
Extends 8"—6" Opal Shade  
40-60 Watts

*Standard Finish—No. 279 Gold Bank Bronze*





Spun Collar Ceiling Type

Plain Glass	Globe Size	Lamp Watts	Length Overall	Socket Base
C-0190	8x4	100	9½	Medium
C-0190½	9x4	100	7	Medium
C-0191	12x6	150	12	Medium
C-0191½	12x6	200	12	Medium
C-0192	14x6	200	12½	Medium
C-0192½	14x6	300	12½	Mogul
C-0193	16x6	300	12½	Mogul
C-0194	18x6	500	13	Mogul



C-0555  
Length 7"—6" Opal Ball  
40-60 Watts



C-0556  
Length 10½"—9x4 Plain Globe  
100 Watts



B-0562  
Extends 7½"—Height 9"  
40-60 Watts  
Opal Shade

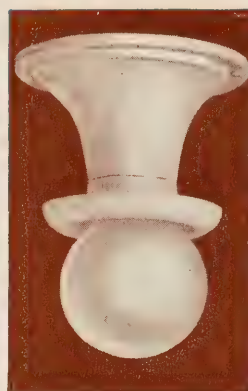


B-0563  
Extends 6½"—Height 7½"  
25-40 Watts  
Opal Shade

Standard Finish—No. 279 Gold Bank Bronze



**C-0557**  
Length 6½"—Diameter 6"  
25-60 Watts  
Standard Finish—Old Ivory



**C-0558**  
Length 6½"—Diameter 5"  
25-60 Watts  
Standard Finish—White Enamel



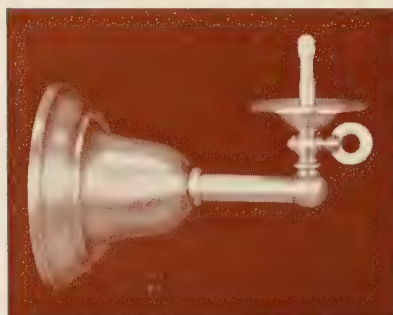
**C-0559**  
Pull Chain Receptacle  
**C-0560**  
Keyless Receptacle  
Length 6"—Diameter 4½"  
25-60 Watts  
Standard Finish—White Enamel



**B-0565**  
Extends 9"—Back 4¼x6"  
25-60 Watts  
Opal Shade—Convenience Outlet  
Standard Finish—White Enamel



**B-0564**  
Extends 9"—Back 4½"  
25-60 Watts  
Opal Shade—Pull Receptacle  
Standard Finish—White Enamel



**B-0568**  
Extends 5½"—Gas Only  
Standard Finish—No. 279 Gold Bank Bronze



**B-0569**  
Extends 8"—6" Opal Shade  
Gas & Electric  
40-60 Watts  
Standard Finish—No. 279 Gold Bank Bronze





### Exit Ceiling Unit

C-0585

6" x 3 1/4" Opal Globe

Red Letters

Length 8 3/4"—Diameter 6"

40-100 Watts

*Standard Finish*—No. 279 Gold Bank Bronze



### Exit Bracket

B-0586

6" x 3 1/4" Opal Globe

Red Letters

Extends 9"—Diameter 6"

40-100 Watts

*Standard Finish*—No. 279 Gold Bank Bronze



### Emergency Exit Bracket

Gas and Electric

B-0570

Extends 8"—Height 15 1/2"

6" Ruby Exit Ball—5" Gas Opal

40-60 Watts

*Standard Finish*—No. 279 Gold Bank Bronze



### Guarded Exit Front

Copper Metal

B-0587

Face 9 3/4"x14"—6" Red Letters

40-150 Watts

*Standard Finish*—Antique Copper

Front Mounting Only



### Exit Pendant (Solid Back)

Copper Metal

L-0589

Face 12"x7 3/4"—Length 15 1/4"

6" Red Letters

*Standard Finish*—Antique Copper



### Exit Sign

Copper Metal

B-0588

Face 7 3/4"x12"—6" Red Letters

*Standard Finish*—Antique Copper

Open Back Exit Box



### Gymnasium Unit

C-0572

Length 20"—Diameter 15¼"

12" x 6" Plain Globe—200 Watts

Standard Finish—No. 279 Gold B'k Bronze



### Shallow Gym Unit

C-0571

2 Lights—Hinged Holder

Length 8"—Diameter 15¼"

400 Watt Capacity

12" x 4" Plain Dish

Standard Finish—No. 279 Gold B'k Bronze



### Pendant

### R. L. M. Reflector Unit

No.	Watts	Diameter	Length
L-0575	100	12¼	42
L-0576	150	14	42
L-0577	200	16¾	42
L-0578	300-500	18¼	42
L-0579	750-1000	19¾	42

Standard Finish—Black



### Weather-proof Bracket

B-0574

Extends 4½"—Height 11"

60 Watts

Standard Finish—Black



### Weather-proof Ceiling Unit

C-0573

Length 8¼"—Spread 5"

60 Watts

Standard Finish—Black



### Ceiling R. L. M. Reflector Unit

No.	Watts	Diameter
C-0580	100	12¼
C-0581	150	14
C-0582	200	16¾
C-0583	300-500	18¼
C-0584	750-1000	19¾

Standard Finish—Black



## LIST OF REPRESENTATIVE INSTALLATIONS

### ALABAMA

**Birmingham**  
Burger-Phillips Co.  
Munger Memorial Hall  
Norwood Baptist Church

**Montgomery**  
Le Grand Jewelry Co.  
Scottish Rite Temple

### ARKANSAS

**Camden**  
International Paper Co.

**Hot Springs**  
Dierks Lumber & Coal Co.

### CALIFORNIA

**San Jose**  
San Jose Mercury Bldg.

### COLORADO

**Ft. Collins**  
St. Joseph's Church

### CONNECTICUT

**Hartford**  
New Morgan Building

**New Britain**  
Greek Catholic Church  
Leonard Building

### DISTRICT OF COLUMBIA

**Washington**  
Columbia National Bank  
S. Kann Sons Co.  
Second National Bank

### FLORIDA

**Jacksonville**  
Olmstead Motor Co.

**Miami Beach**  
Taradash Dept. Store

### GEORGIA

**Atlanta**  
Atlanta Title & Trust Bldg.  
S & W Cafeteria

**Macon**  
Ries & Armstrong

**Rome**  
L. F. M. Store (Chain)

### ILLINOIS

**Carbondale**  
Carbondale National Bank

**Champaign**  
University State Bank

**Chicago**  
Berland Shoe Store  
Mather Tower Building  
Logan Dept. Store  
H. C. Lytton & Co.  
New Trier High School  
Palmer Apparel Shops  
Richman Bros. Co.

**Elgin**  
Home Banks Building

**Peoria**  
Caterpillar Tractor Co.

**Streator**  
Paris Cloak Co.

**Wyoming**  
New Grade School

### INDIANA

**Anderson**  
Anderson Bank & Trust Bldg.

**Aurora**  
Methodist Church

**Goshen**  
U. B. Church

### Kokomo

Citizens National Bank  
Continental Steel Offices  
Haynes Steelite Offices

### Indianapolis

Kirk Furniture Co.

### IOWA

**Anamosa**  
St. Patrick's Church

**Burlington**  
Eagles Lodge

**Cedar Rapids**  
Cedar Rapids Sav. Bank  
Consistory Cathedral  
El Kahir Shrine Temple

**Clinton**  
Parochial School

**Davenport**  
Sacred Heart Cathedral

**Eagle Grove**  
First M. E. Church

**Iowa City**  
American Legion Post No. 17

**Lake City**  
Woodlawn Church

**Marshalltown**  
Times Republican Bldg.

**Mt. Vernon**  
Mt. Vernon High School

**Oskaloosa**  
Oppenheimer-Alsop Co.

**Sioux City**  
Iowa Public Service Bldg.

### KANSAS

**Larned**  
Larned State Hospital

### KENTUCKY

**Louisville**  
Louisville National Bank  
Second Presby. Church  
Theatre Railway Bldg.

**Newport**  
First National Bank

### LOUISIANA

**Arcadia**  
Masonic Building

**Lafayette**  
Lafayette Court House

**Lake Charles**  
Calcasieu National Bank

**Monroe**  
Municipal Building

**Natchitoches**  
La. State Normal College

**New Orleans**  
Barnett Building

**Oil City**  
Bank of Oil City

**Pinesville**  
Central La. State Hospital

**Ruston**  
La. Polytech Institute

**Scotland**  
Southern University

**Shreveport**  
International Harvester Co.  
Slattery Building

### MAINE

**Livermore Falls**  
Livermore Falls Tr. & Bank Co.

### MARYLAND

**Baltimore**  
Hecht Brothers

**Hagerstown**  
Leiter Bros.

### MASSACHUSETTS

**Boston**  
Monahan's Dept. Store

**Brocton**  
K. of C. Building

**Springfield**  
D. H. Brigham & Sons

**Worcester**  
1st. Universal Church

### MICHIGAN

**Detroit**  
Finsterwald Furn. Bldg.

**Fordson**  
Public Schools

**Grand Rapids**  
Douglas Shoes (Chain)

**Jackson**  
Elks Temple  
Michigan State Prison

**Lansing**  
Reo Motor Car Co. (Office)

**Mancelona**  
Mancelona School

### MINNESOTA

**Duluth**  
Bethany Lutheran Church  
Duluth City Hall  
St. Peters Church

**Grand Rapids**  
City Hall

**Red Wing**  
Masonic Temple

### MISSOURI

**Glenco**  
La Salle Institute

**Kirksville**  
Bernard's, Inc.

**St. Louis**  
Federal Land Bank  
Tower Grove Baptist Church  
South Side National Bank Bldg.

**Valley Park**  
Sacred Heart Church

### NEW JERSEY

**Ashbury Park**  
Morris Klinghofer & Bros.

**Jersey City**  
City Hall  
Heyman Furniture Stores  
Labor Bank Building

**Trenton**  
N. J. State Hospital

**Union City**  
City Hall

### NEW YORK

**Buffalo**  
Kleinhan's  
Masonic Temple  
St. Patrick's Church

**Horseheads**  
Junior High School

**New York**  
Belmont Corp.  
Reed Banking House  
Chevrolet Motor Co.  
ExLax Mfg. Co.

**Pearl River**  
Masonic Temple



# LIST OF REPRESENTATIVE INSTALLATIONS

Syracuse Dey Brothers	Lorain Masonic Temple	Woodlawn Elks Club
Utica Robt. Fraser Dept. Store	Marion Epworth Methodist Church	RHODE ISLAND
Norwich St. Bartholomews Church	New Philadelphia County Court House	Providence Wm. H. Hall Free Library
NORTH CAROLINA	North Baltimore High School	SOUTH CAROLINA
Asheville French Broad Methodist Church	Portsmouth Masonic Temple Building Shelby Shoe Co.	Camden Bank of Camden
Bessemer City Bessemer City Bank	Toledo Toledo Blade Bldg.	Columbia Columbia Jr. High School
Canton Bank of Canton	Versailles Versailles School	Hardeeville Hardeeville High School
Charlotte Charlotte News Bldg.	Steubenville Herald-Star Bldg. Methodist Church Y. M. C. A. Building	Hartsville Hartsville School
Durham So. Paint & Glass Co.	Warren Second National Bank	SOUTH DAKOTA
Greensboro Friendly Cafeteria	OKLAHOMA	Aberdeen St. Luke's Lutheran Church
Greenville E. Carolina Tr. School	Oklahoma City Commerce Exc. Bldg.	Huron Hewitt Hotel
Raleigh Peace's Institute	Oklmulgee Sears Roebuck & Co.	Watertown Coddington Court House
Statesville First National Bank	PENNSYLVANIA	TENNESSEE
N. Wilkesboro Spainhower & Sydnor	Altoona Gable Co.	Chattanooga East Methodist Church
NORTH DAKOTA	Baden Badenboro School	Knoxville Bond Clothing Co.
Minot New Fair Store	Clarion Moose Temple	Memphis Bloomfield Baptist Church Central Police Station County Court House National Furniture Stores Second Christian Church
Rugby St. Theresa's Church	Elwyn Middletown Presby. Church	Nashville Vanderbilt University
OHIO	Erie Ford Hotel Mercyhurst Academy Villa Marie Academy	Newport First Christian Church
Akron Yeager's Dep't Store	Franklin Franklin Trust Co.	TEXAS
Alliance Alliance-Buick Co.	Karns City Karns City School	Brownsville Aziz Bros. Dept. Store
Ashland Ashland Co. Court House	Kingston Kingston High School	Houston River Oaks School Union National Bank
Ashtabula West. Jr. High School	Lemoyne Church of Christ	Nacogdoches Inn Hotel
Attica Attica School	McKeesport Penn McKee Hotel	St. Augustine Court House
Berea Baldwin-Wallace College	Monessen Monessen School	Texarkana Government Mail Terminal
Bloomdale Bloomdale School	New Castle Castleton Hotel First National Bank Bldg. First Presby. Church St. Marys Church	VIRGINIA
Bowling Green Bowling Green High School	N. Braddock N. Braddock High School	Norfolk Ames & Brownley Dept. Store
Canton Wm. R. Zollinger Co. Klein-Heffleman & Zollars Co.	Oil City Belles Lettres Club Pennzoil Office Bldg.	Lynchburg Guggenheimers Dept. Store
Cleveland Cleveland Public Auditorium Medical Arts Building Builders Exchange Bldg. Halle Bros. Co. Fisher Bros. (Chain)	Philadelphia Howard Clothes	WEST VIRGINIA
Cincinnati Dow Drug Stores (Chain) Federal Reserve Bank Denton-Jonap Co. Smith-Kasson Co.	Pittsburg Bellefield Church	Charleston Peoples Dept. Store
Columbus Ohio Fuel Gas Bldg.	Rochester Bachelor Brothers	Wellsburg K. of St. G. National Home
Coshocton Coshocton Trust Co.	Sharon Boyle Building	Wheeling K. of P. Building Geo. E. Stifel Co. Geo. R. Taylor Co. Stone & Thomas Co.
Dover Y. M. C. A. Building	Tyrone Presbyterian Church	Wierton Wierton Steel Co. Office
Geneva American Fork & Hoe Co.	Warren Moose Temple	WISCONSIN
Gibsonburg High School	Washington Elks Club	Green Bay Wisconsin State Reformatory
Hiram Assn. Bldg. Hiram College	Williamsport Brooks Building	Madison State Historical Library
		Milwaukee Boston Lunch New Tippecanoe Bank
		Stephens Point St. Michaels Hospital
		River Falls Masonic Temple







